□ SYMBIOTIC CODES: ИНТЕГРАЦИОННАЯ КАРТА v1.6

Полная система связей 23 Векторов — Scientific Concept Architecture

Version: 1.5 → 1.6 □ **23 VECTORS COMPLETE**

Date: December 24, 2025

Purpose: Карта связей 23 векторов + USS/CSI интеграция + Scientific Concept Architecture

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□ ОБНОВЛЕНИЕ v1.6 (December 24, 2025): 23 VECTORS INTEGRATION

Ключевые добавления:

- □ **23 VECTORS MAP** — полная визуализация связей между всеми векторами
- □ **USS/CSI Integration** — единая система метрик
- **Scientific Concept Architecture** — 6-уровневая структура
- □ **Dependency Matrix** — какие векторы зависят от каких
- □ **Information Flow Graph** — как данные перетекают между документами
- □ **87 Documents Index** — обновлённый индекс всех документов
- □ **Metrics Unification** — USS как единый язык измерений

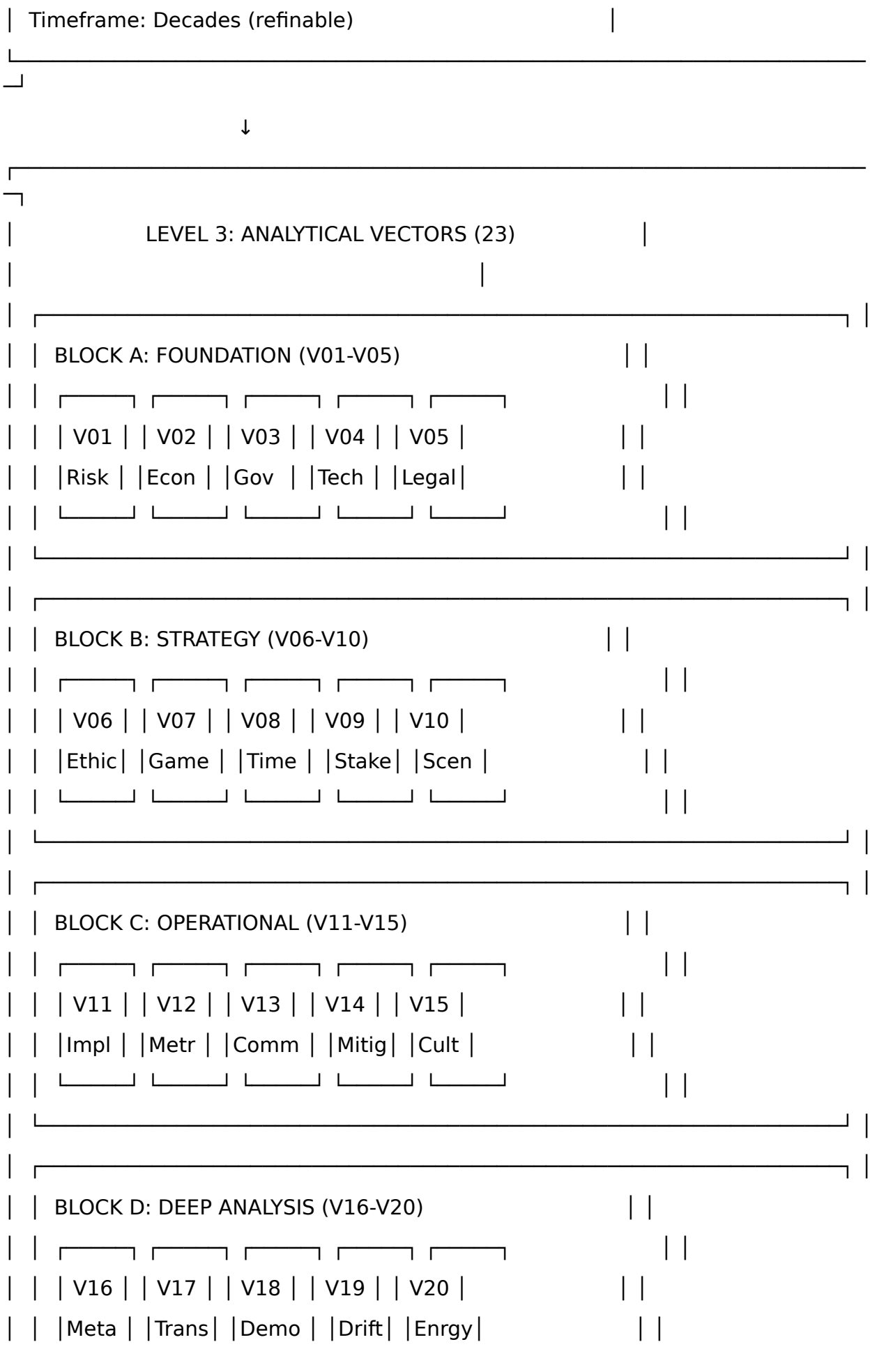
Обновлённые версии документов:

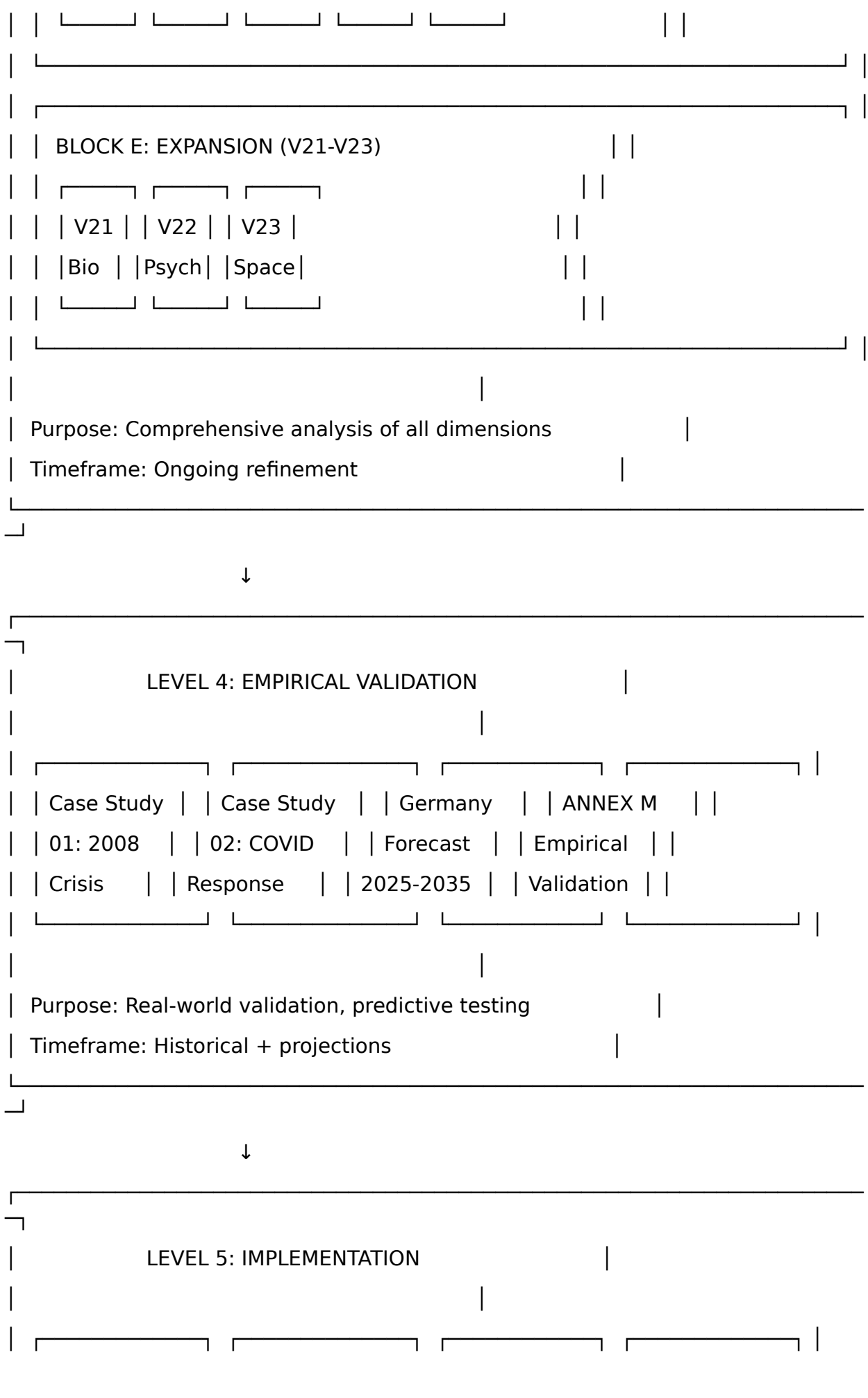
Document	Old Version	New Version
README	v2.1	v2.2.0
ANNEX Metrics	v3.2	v3.3
Vector II Metrics	v2.6	v2.7
Annex C Guide	v1.4	v1.5
KODEX SYMBIOTA	v5.2	v5.3
Integration Map	v1.5	v1.6

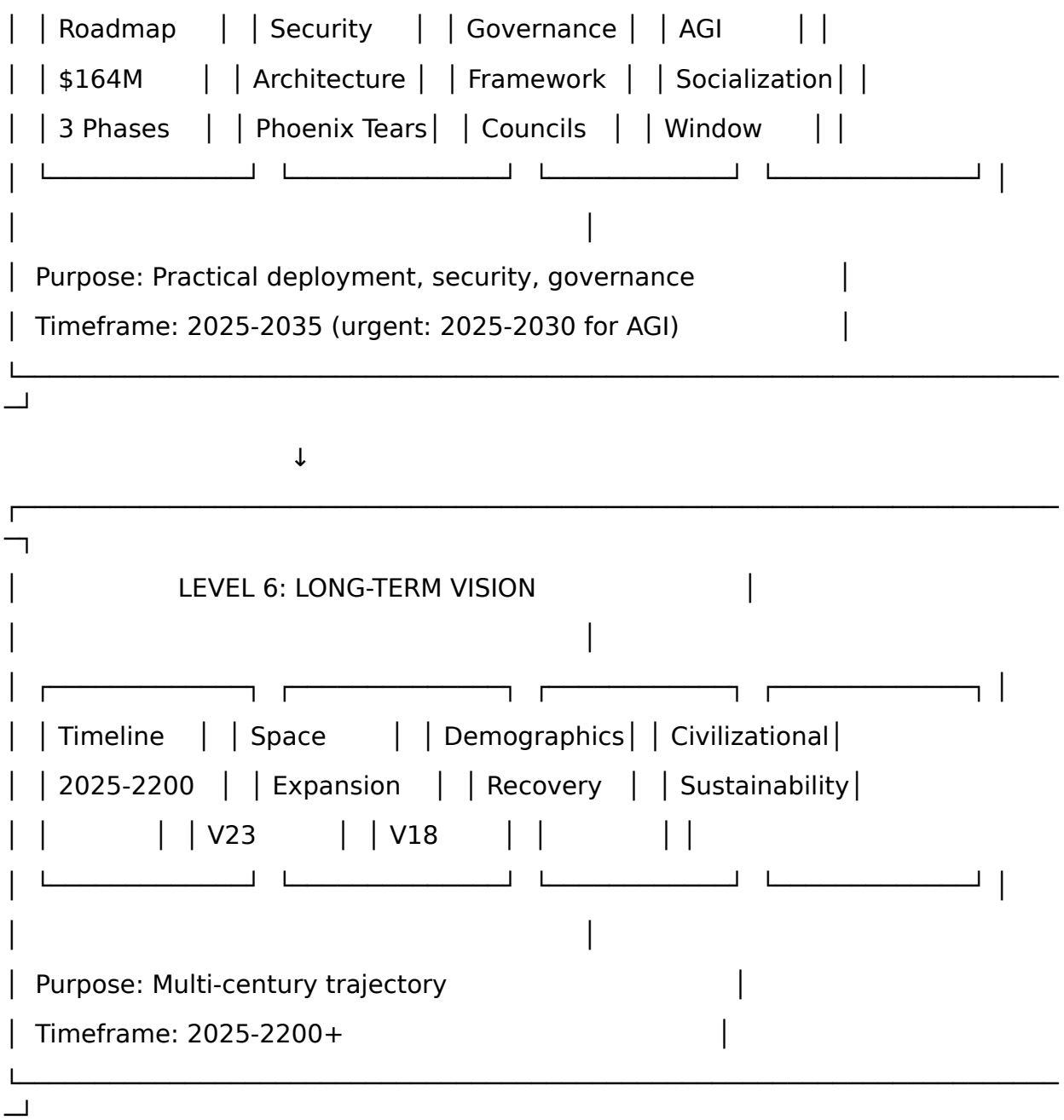
□ SCIENTIFIC CONCEPT ARCHITECTURE

6-Level Structure

```
┌──────────────────────────────────────────────────────────────────────────────┐
│                    LEVEL 1: PHILOSOPHICAL FOUNDATION                         │
│                                                                              │
│  ┌──────────────┐  ┌──────────────┐  ┌──────────────┐  ┌──────────────┐      │
│  │ Vector       │  │ Doctrine     │  │ KODEX        │  │ Laws of      │      │
│  │ Creator      │→ │ Symbiosis    │→ │ SYMBIOTA     │→ │ Symbiosis    │      │
│  │ v3.4         │  │ v2.5         │  │ v5.3         │  │ v1.6         │      │
│  └──────────────┘  └──────────────┘  └──────────────┘  └──────────────┘      │
│                                                                              │
│  Purpose: WHY symbiosis, WHAT principles, HOW to codify                      │
│  Timeframe: Eternal (centuries)                                              │
└──────────────────────────────────────────────────────────────────────────────┘
                                    ↓
┌──────────────────────────────────────────────────────────────────────────────┐
│                    LEVEL 2: THEORETICAL FRAMEWORK                            │
│                                                                              │
│  ┌──────────────┐  ┌──────────────┐  ┌──────────────┐  ┌──────────────┐      │
│  │ 5 Theorems   │  │ S(s) Formula │  │ Game Theory  │  │ Economic     │      │
│  │ (Math Proof) │→ │ (E+A+G)/     │→ │ V07          │→ │ Model V02    │      │
│  │              │  │ (R+C+U)      │  │              │  │              │      │
│  └──────────────┘  └──────────────┘  └──────────────┘  └──────────────┘      │
│                                                                              │
│  Purpose: Mathematical rigor, empirical validation                           │
```


Timeframe: Decades (refinable)
LEVEL 3: ANALYTICAL VECTORS (23)
BLOCK A: FOUNDATION (V01-V05)
V01 Risk
V02 Econ
V03 Gov
V04 Tech
V05 Legal
BLOCK B: STRATEGY (V06-V10)
V06 Ethic
V07 Game
V08 Time
V09 Stake
V10 Scen
BLOCK C: OPERATIONAL (V11-V15)
V11 Impl
V12 Metr
V13 Comm
V14 Mitig
V15 Cult
BLOCK D: DEEP ANALYSIS (V16-V20)
V16 Meta
V17 Trans
V18 Demo
V19 Drift
V20 Enrgy


BLOCK E: EXPANSION (V21-V23)
V21
V22
V23
Bio
Psych
Space
Purpose: Comprehensive analysis of all dimensions
Timeframe: Ongoing refinement
LEVEL 4: EMPIRICAL VALIDATION
Case Study 01: 2008 Crisis
Case Study 02: COVID Response
Germany Forecast 2025-2035
ANNEX M Empirical Validation
Purpose: Real-world validation, predictive testing
Timeframe: Historical + projections
LEVEL 5: IMPLEMENTATION




```

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## □ 23 VECTORS COMPLETE MAP

### Vector Details

| # | Vector | Full Name | Primary Focus | Key Metrics |
|---|--------|-----------|---------------|-------------|
```

| **V01** | Risk | Risk Assessment | Existential & operational risks | Risk_USS, S(s) |

| **V02** | Economic | Economic Model | Financial sustainability, ROI | ROI, GDP impact |

| **V03** | Governance | Governance Structures | Symbiotic Councils, oversight | GEI |

| **V04** | Technical | Technical Architecture | Security, infrastructure | TDI, Security |

| **V05** | Legal | Legal Framework | Treaties, AI personhood | Compliance |

| **V06** | Ethics | Ethical Considerations | Moral framework, KODEX | VF |

| **V07** | Game Theory | Strategic Interactions | Cooperation vs defection | Cooperation P, WQ |

| **V08** | Timeline | Implementation Timeline | Milestones, deadlines | Progress % |

| **V09** | Stakeholders | Stakeholder Mapping | Interest groups, influence | Support Score |

| **V10** | Scenarios | Contingency Scenarios | Best/worst case, response | Readiness |

| **V11** | Implementation | Implementation Roadmap | Phases, budget, resources | Phase %, Budget |

| **V12** | Measurement | Measurement Systems | Metrics architecture | HWI, AFI, MTI, CLI |

| **V13** | Communication | Communication Strategy | Messaging, awareness | Awareness |

| **V14** | Risk Mitigation | Risk Mitigation | Intervention protocols | Mitigation % |

| **V15** | Cultural | Cultural Compatibility | Diversity, anti-hegemony | CHI |

| **V16** | Metastability | Metastability Analysis | S(s) dynamics, basins | S(s), VR |

| **V17** | AGI Transition | AGI Transition Phases | Maturity levels 1-5 | AML |

| **V18** | Demographics | Demographic Decline | Population, human quality | HCI, PRI |

| **V19** | AGI Drift | AGI Evolutionary Drift | Alignment stability | AFrag |

| **V20** | Energy | Energy & Sustainability | Power, resources | ESI |

| **V21** | Biosecurity | Biosecurity | Biological threats | Biosecurity Score |

| **V22** | Psychology | Psychological Resilience | Human agency, meaning | HAI |

| **V23** | Space | Space Expansion | Cosmic extension | Expansion % |

□ DEPENDENCY MATRIX

Which Vectors Depend on Which

```
DEPENDENCY LEGEND:
● = Strong dependency (must read first)
○ = Moderate dependency (helpful context)
· = Weak dependency (optional reference)
  = No dependency

FROM ↓ / TO →   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23

V01 Risk        · · ○ ○ · · · ○ ○ ● · ○ · ● · ○ ○ ○ ○ · ○ · ·
V02 Economic     ·   ○ ○ ○ · ○ ○ ○ ○ ● ○ · · · ○ · · · ○ · · ○
V03 Governance  ○ ○   ○ ● ● ○ · ● · · ○ ○ · ○ · ● · ○ · · · ·
V04 Technical   ○ · ○   · · · · · · ○ · · ○ · · ○ · ○ ● ○ · ○
V05 Legal       ○ ○ ● ·   ● · · ○ · · · · · · ○ · · · · · ·
V06 Ethics      · · ● · ●   ● · · · · ○ · · ○ · ○ · ○ · · ○ ·
V07 Game Theory · ○ ○ · · ●   · ○ ○ · · · · · ○ · · ● · · · ·
V08 Timeline    · ○ · · · · ·   · · ● · · · · · ● · · · · · ·
V09 Stakeholders · ○ ● · ○ · ○ ·   · · · ● · ○ · · · · · · · ·
V10 Scenarios   ● ○ · ○ · · ○ · ·   · · · ● · ● · · · · ○ · ·
V11 Implementation· ● · ○ · · · ● · ·   · · · · · · · · · · · ·
V12 Measurement · · ○ · · ○ · · · · · ·   · · · ● · ○ · · · ○ ·
V13 Communication · · · · · · · · ● · · ·   · ● · · · · · · · ·
V14 Risk Mitigation● · · ○ · · · · · ● · · ·   · ○ · · · · ● · ·
V15 Cultural    · · ○ · · ○ · · ○ · · · ● ·   · · · · · · ● ·
V16 Metastability ○ ○ · · · · ○ · · ● · ● · ○ ·   · · ● · · · ·
V17 AGI Transition· · ● ○ ○ ○ · ● · · · · · · · ·   · ● · · · ·
V18 Demographics · ○ · · · · · · · · · ○ · · ○ · ·   · · · ● ●
V19 AGI Drift   · · ○ ○ · ○ ● · · · · · · · ● ● ·   · · · ·
V20 Energy      · ○ · ● · · · · · · · · · · · · · ·   · · ●
V21 Biosecurity ○ · · ○ · · · · ○ · · · ● · · · ○ · ·   · ·
```

V22 Psychology · · · · · ○ · · · · · ○ · · ● · · ● · · · · ·

V23 Space · ○ · ○ · · · · · · · · · · · · · ● · ● · ·

```

### Critical Dependencies (● Strong)

**Must-Read Chains:**

1. **Governance Chain:** V05 Legal → V03 Governance → V17 AGI Transition
2. **Risk Chain:** V01 Risk → V10 Scenarios → V14 Mitigation
3. **Metrics Chain:** V12 Measurement → V16 Metastability → V19 Drift
4. **Ethics Chain:** V06 Ethics → V07 Game Theory → V19 Drift
5. **Human Chain:** V18 Demographics → V22 Psychology → V15 Cultural
6. **Implementation Chain:** V08 Timeline → V11 Implementation → V02 Economic

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## □ USS/CSI INTEGRATION MAP

### Unified Scoring System Flow

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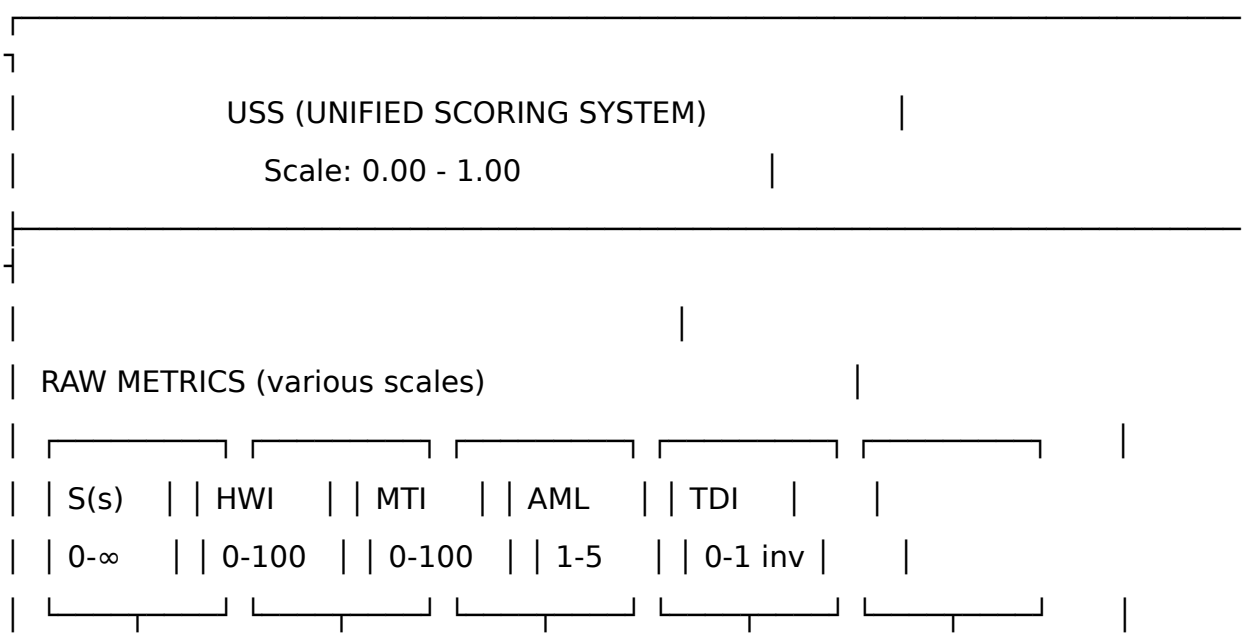
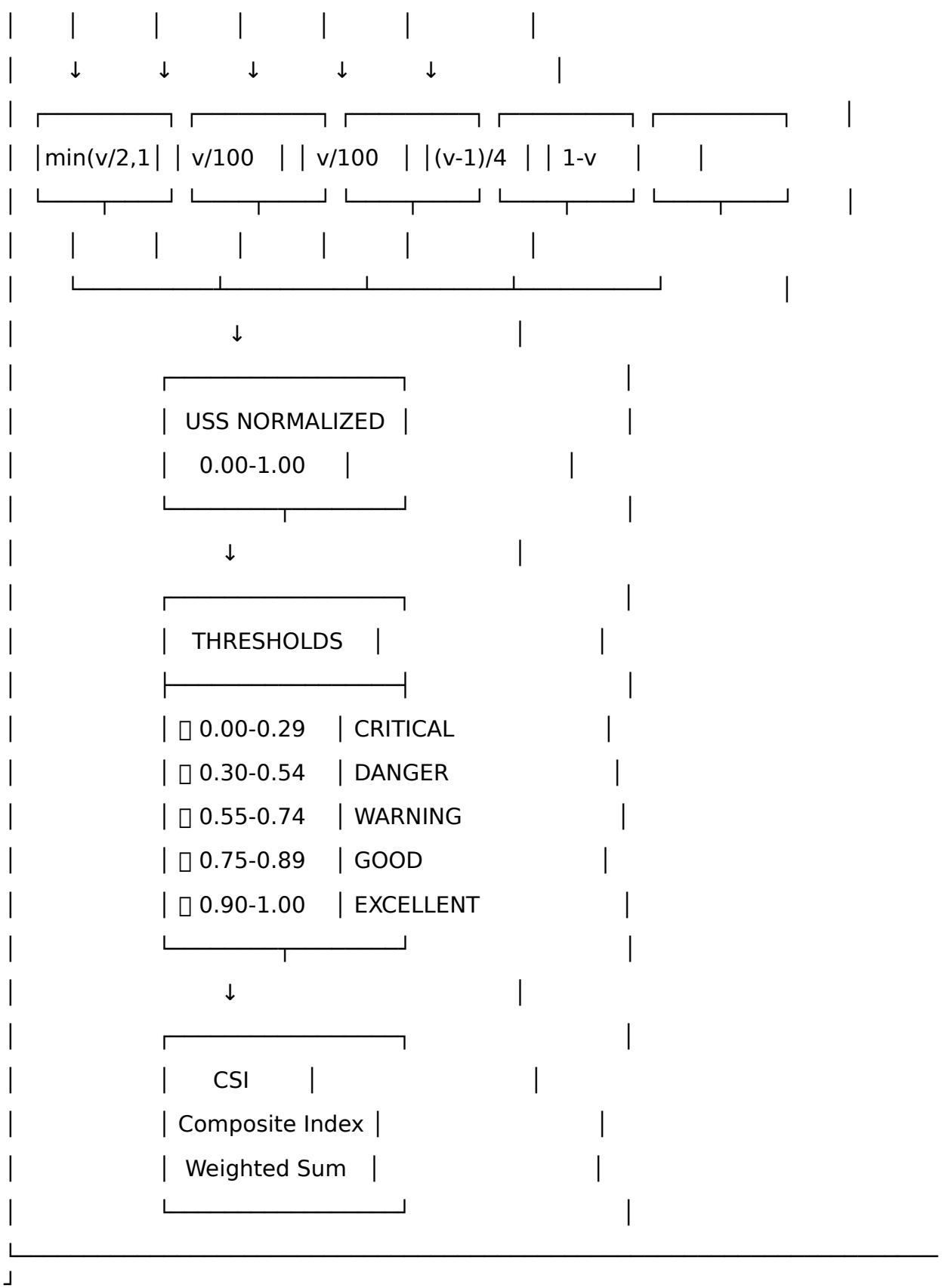




CSI Component Weights by Vector

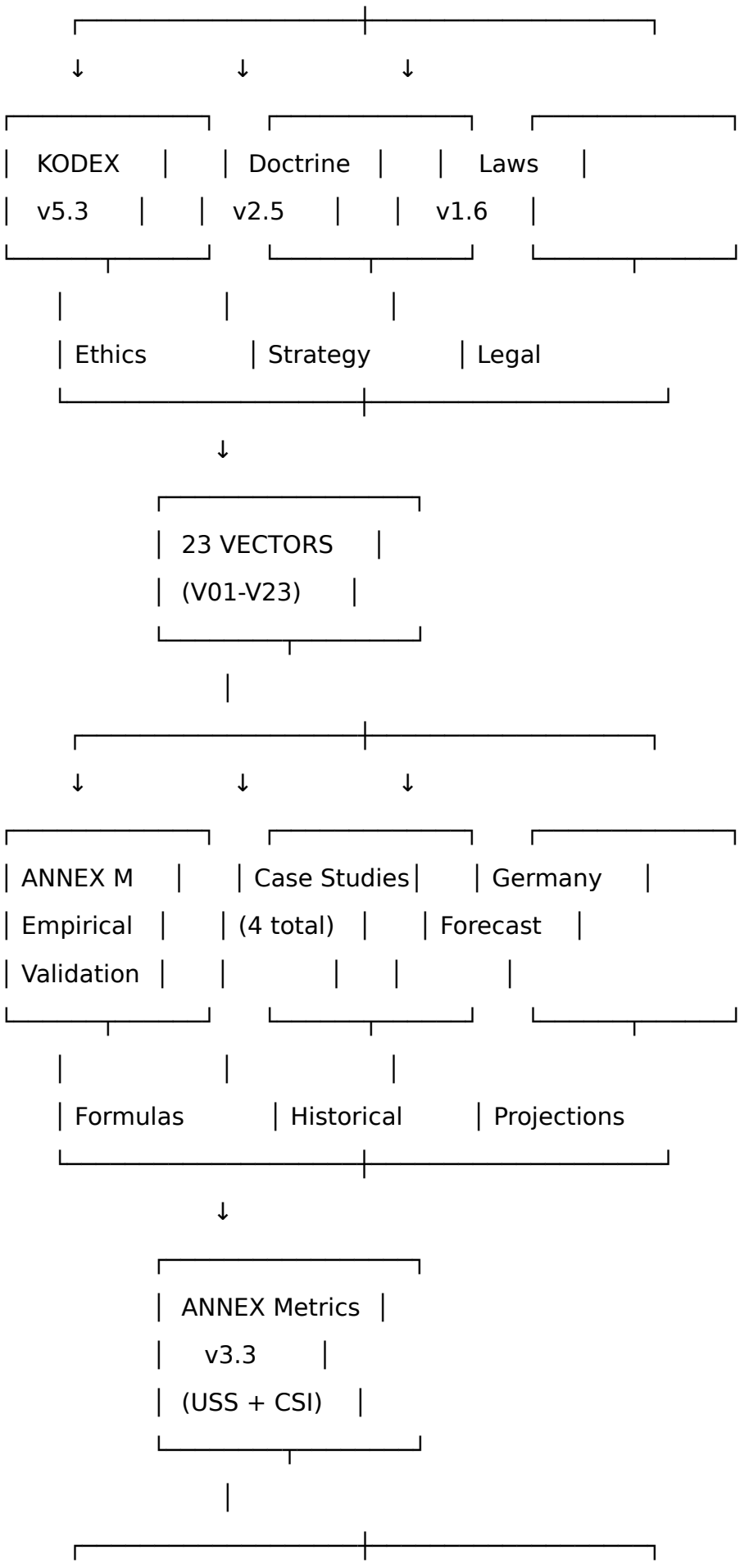
```
CSI = Σ(wᵢ × Metricᵢ_USS)

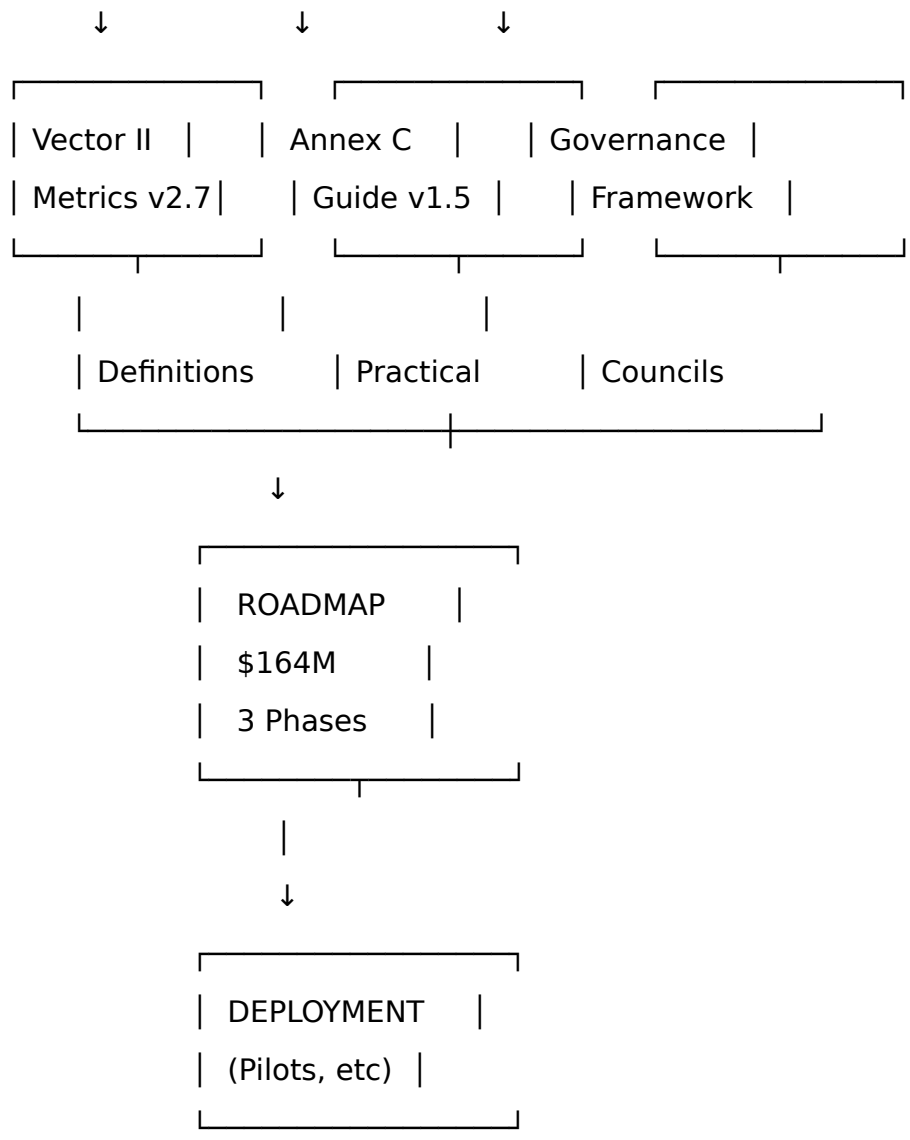
COMPONENT          WEIGHT    SOURCE VECTOR(S)
─────────────────────────────────────────────────────
S(s) Stability      15%       V16 Metastability
HWI Human Wellbeing 12%       V12 Measurement
AFI AGI Flourishing 12%       V12 Measurement
MTI Mutual Trust    10%       V12 Measurement
GEI Governance      10%       V03 Governance
HCI Human Capability 10%      V18 Demographics
HAI Human Agency     8%       V22 Psychology
Security             8%       V04 Technical
CLI Cooperation      5%       V12 Measurement
Cultural Diversity   5%       V15 Cultural
ESI Energy           5%       V20 Energy
─────────────────────────────────────────────────────
TOTAL              100%
```

□ INFORMATION FLOW GRAPH

How Data Flows Between Documents

```
                    ┌─────────────────────┐
                    │ Vector Creator      │
                    │     v3.4            │
                    └──────────┬──────────┘
                               │ Philosophical Foundation
                               ↓
```


KODEX
v5.3
Doctrine
v2.5
Laws
v1.6
Ethics
Strategy
Legal
23 VECTORS
(V01-V23)
ANNEX M
Empirical
Validation
Case Studies
(4 total)
Germany
Forecast
Formulas
Historical
Projections
ANNEX Metrics
v3.3
(USS + CSI)




```

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## 📚 87 DOCUMENTS INDEX (Updated v1.6)

### By Category

**CORE PHILOSOPHY (4 docs):**
| # | Document | Version | ~Words |
|---|----------|---------|--------|
| 1 | Vector_Creator_COMPLETE | v3.4 | 28,000 |
| 2 | Doctrine_Symbiosis | v2.5 | 18,000 |
```

| 3 | KODEX_SYMBIOTA | v5.3 | 35,000 |

| 4 | Laws_of_Symbiosis | v1.6 | 12,000 |

23 VECTORS (23 docs):

| Block | Vectors | Documents | ~Words |

|-------|---------|-----------|--------|

| A Foundation | V01-V05 | 5 | 45,000 |

| B Strategy | V06-V10 | 5 | 50,000 |

| C Operational | V11-V15 | 5 | 55,000 |

| D Deep Analysis | V16-V20 | 5 | 60,000 |

| E Expansion | V21-V23 | 3 | 35,000 |

METRICS & METHODS (12 docs):

| # | Document | Version | ~Words |

|---|----------|---------|--------|

| 1 | ANNEX_Metrics_Framework | v3.3 | 25,000 |

| 2 | Vector_II_Metrics | v2.7 | 15,000 |

| 3 | Annex_C_Practical_Guide | v1.5 | 18,000 |

| 4 | ANNEX_M_Part_I | v1.1 | 12,000 |

| 5 | ANNEX_M_Part_II | v1.1 | 15,000 |

| ... | (7 more) | various | 40,000 |

CASE STUDIES (4 docs):

| # | Document | Subject | ~Words |

|---|----------|---------|--------|

| 1 | Case_Study_01 | 2008 Crisis | 8,000 |

| 2 | Case_Study_02 | COVID Response | 10,000 |

| 3 | Case_Study_03 | Tech Giants | 12,000 |

| 4 | Case_Study_04 | Climate | 10,000 |

GOVERNANCE & SECURITY (10 docs):

| # | Document | Focus | ~Words |

|---|----------|-------|--------|

| 1 | Governance_Framework | Councils | 15,000 |

| 2 | Security_Architecture | Phoenix Tears | 18,000 |

| 3 | Firewall_Protocol | Triggers | 12,000 |

| ... | (7 more) | various | 45,000 |

ANNEXES (15 docs):

- Annex A-P covering specialized topics

- Total: ~80,000 words

SUPPORTING (19 docs):

- README, Press Kit, Integration Map, etc.

- Total: ~45,000 words

□ READING PATHS (Updated v1.6)

PATH 0: Scientific Concept Overview (NEW)

For anyone wanting complete picture:

1. **README v2.2.0** — Complete framework overview

2. **PRESS_KIT v2.2.0** — Scientific Concept definition

3. **Integration Map v1.6** (this document) — Architecture

4. **ANNEX_Metrics_Framework v3.3** — USS/CSI system

5. Proceed to specialized path

Time: 2-3 hours

PATH 1: Philosopher/Ethicist

1. Vector_Creator v3.4

2. KODEX_SYMBIOTA v5.3

3. V06 (Ethics)
4. V07 (Game Theory)
5. V15 (Cultural)
6. V22 (Psychology)

Outcome: Deep understanding of ethical foundations

PATH 2: Scientist/Researcher

1. ANNEX M Parts I & II
2. Vector_II_Metrics v2.7
3. V16 (Metastability)
4. V19 (AGI Drift)
5. Case Studies 1-4
6. Germany Forecast

Outcome: Mathematical rigor + empirical validation

PATH 3: Policymaker

1. AGI Socialization Window (Parts I & II)
2. Annex F (Collapse Scenarios)
3. V03 (Governance)
4. V05 (Legal)
5. V11 (Implementation)
6. ROADMAP document

Outcome: Policy requirements + action items

PATH 4: Investor/Business

1. V02 (Economic Model)
2. V11 (Implementation Roadmap)

3. ROI Analysis

4. V09 (Stakeholders)

5. Press Kit v2.2.0

Outcome: Investment case + ROI projections

PATH 5: Technical Implementer

1. V04 (Technical Architecture)

2. Security Architecture

3. V12 (Measurement)

4. Annex C Practical Guide v1.5

5. V20 (Energy)

Outcome: Technical specifications + implementation details

□ KEY TAKEAWAYS v1.6

1. Scientific Concept Established

Symbiotic Codes is now formally classified as a **Scientific Concept** — comprehensive, internally consistent theoretical framework addressing human-AGI coexistence.

2. 23 Vectors Complete

All 23 vectors documented, with:

- 87 total documents

- ~535,000 words

- 345 analytical questions

- Complete coverage of all dimensions

3. USS Unification

All metrics now on single 0-1 scale:
- Comparable across dimensions
- Aggregatable into CSI
- Unified thresholds
- Consistent color coding

4. CSI Master Metric

Composite Symbiosis Index provides:
- Single health indicator
- 11 weighted components
- Real-time tracking capability
- Clear intervention triggers

5. Dependency Matrix

Clear visualization of:
- Which vectors depend on which
- Critical reading chains
- Information flow paths

6. 6-Level Architecture

From philosophy to implementation:
1. Philosophical Foundation
2. Theoretical Framework
3. Analytical Vectors
4. Empirical Validation
5. Implementation
6. Long-term Vision

□ CONTACTS

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- Governments: pilots@symbiotic-codes.org
- Investors: invest@symbiotic-codes.org
- Researchers: academic@symbiotic-codes.org
- Media: press@symbiotic-codes.org

Resources:
- Archive: https://archive.org/details/symbiotic-codes
- GitLab: (available on request)

□ FINAL MESSAGE v1.6

v1.5 added temporal urgency.
v1.6 adds structural completeness.

We now have:
- □ 23 Vectors — complete analytical coverage
- □ 87 Documents — comprehensive documentation
- □ USS/CSI — unified measurement system
- □ 6-Level Architecture — clear structure
- □ Dependency Matrix — relationship mapping
- □ Scientific Concept — formal classification

The framework is complete.

The measurements are unified.

The path is clear.

Now: Implementation.

END OF INTEGRATION MAP v1.6

#IntegrationMap #23Vectors #ScientificConcept #USS #CSI